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APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/709,349	10/709,349 04/29/2004		Richard Becker McClain	R75402	R75402 3348	
22118	7590	07/28/2005	EXAMINER			
LEO H MC	CORMI	CK	LESLIE, MICHAEL S			
2112 MISHA	AWAKA A	AVE				
P O BOX 47	21		ART UNIT	PAPER NUMBER		
SOUTH BE	ND, IN	46634	3745			

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Please find below and/or attached an Office communication concerning this application or proceeding.

Application No. Applicant(s) MCCLAIN ET AL Exeminer Michael Lesile 3745			E				
Examinar		Application No.					
Michael Leslie 3745	Office Author Comments	10/709,349	MCCLAIN ET AL.				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Editacions of the map by evaluation under the previous of 3 CPR 1.136(a). In no event, however, may a reply be timely filed with 100 (p) MCNTTS time the reading date are communication, reply within the adultion with 100 (p) MCNTTS from the reading date are communication, reply within the statute or previous within the statute of the previous of 100 (p) MCNTTS from the mailing date of the statute period will appear will reply as 100 (MONTTS from the mailing date of this communication of the previous previous will previous will previous will previous will previous will previous will be considered fromly. If NO paried for reply is specified between the mailing date of this communication to become ABANDONED (03 U.S.C. § 133). Fallow the statute of the previous will be statuted by the statute of the communication to the previous will be considered fromly. If NO paried for reply sufficient will be statuted by the statute of the communication of the previous will be statuted by the statute of the communication to the previous will be considered fromly. If NO paried the statute of the statute of the statute of the communication of the statute of the communication. If NO paried the statute of the statute of the statute of the statute of the communication. If NO paried the statute of the paried will be statute of the paried will be statute of the communication. If NO paried the statute of the paried the statute of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). **See the attached detailed Office action for 10 list of the certified copies of the priority documen	Office Action Summary	Examiner	Art Unit				
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1) Responsive to communication(s) filed on	THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any						
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U.S. Patent and Trademark Office PTOL-326 (Rev. 1-04)

Application/Control Number: 10/709,349

Art Unit: 3745

DETAILED ACTION

Specification

The disclosure is objected to because of the following informalities: Paragraph [0031], Line 1, "66" should be --60--; Paragraph [0041], Line 66, "87" should be --91--.

Appropriate correction is required.

The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Objections

Claims 1, 2, 5, and 9-12 are objected to because of the following informalities:

Claim 1, Line 37, "a power piston" should be --an actuation piston--, Line 41, "second cylindrical body" should be --actuation piston--, Line 49, "power" should be --actuation--, Line 51, "power" should be --actuation--, Line 68, "second cylindrical member" should be --actuation piston--, Line 70, "termination" should be --terminate--, Line 73, "second" should be deleted, Lines 75-76, "second cylindrical member" should be --actuation piston--;

Claim 2, Line 5, "second cylindrical member" should be --actuation piston--;

Claim 5, Line 4, "power piston" should be -- actuation piston--;

Claim 9, Line 4, "first flange" should be --annular flange--;

Claim 10, Line 4, "first flange" should be --annular flange--;

Claim 11, Line 42, "valve" should be --valve spring--, Line 47-48, "termination" should be --terminate--, Line 49, "first return" should be --second return--, Line 50, "second" should be deleted;

Claim 12, Line 7, "increases" should be --increase--.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 4-10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 recites, on line 35, "an annular projection on a second end" of the shuttle member. Claim 4 recites, on lines 2-3, "an annular rib located adjacent said second end", and claim 5 recites, on line 3, "an axial projection" on the second end. The second end of the shuttle member only includes the "annular rib" and "axial projection" both of which extend into the "third diameter section of the first cylindrical body", thus at least one of the recitations from claims 4 and 5 constitutes a double inclusion of a single element, however it is unclear which one. Claims 6 and 7 are rejected due to their dependence from claim 5.

Claim 8 recites "an annular spacer", which from the specification is element 91, however the description of the "spacer" more accurately fits the "second cylindrical body 64 (from the specification)". Further, the recited power piston should refer to the actuation piston 92.

Continuing into claim 9, the "second sleeve" appears to refer to element 89, which is located within the "second cylindrical body 64" not the "spacer" 91. The recitation of "said shoulder" lacks antecedent basis due to the recitations of "a shoulder" in claim 1 (in the first

cylindrical member) and in claim 8. Lastly, the second end of the "second sleeve" is located in the "actuation chamber" which is not within the "spacer".

Claim 10 recites the limitation "said space" in line 3. There is insufficient antecedent basis for this limitation in the claim.

Allowable Subject Matter

Claims 1-3 and 11-15 are allowed.

Claims 4-10 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. 2472695, 2980066, 3978667, 4986613, and 6732518 each disclose hydraulic brake boosters having a control valve and power piston in respective first and second bores of a housing.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Leslie whose telephone number is (571) 272-4819. The examiner can normally be reached on M-F 8:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Look can be reached on (571) 272-4820. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent

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may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ML

July 20, 2005

Michael Leslie

Page 5

Patent Examiner

AU 3745

EDWARD K. LOOK SUPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 3700

7/25/05